

PATENT ABSTRACTS OF JAPAN

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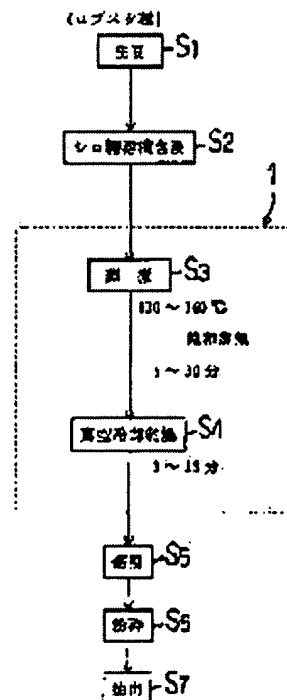
(54) MODIFICATION OF COFFEE BEAN

(57)Abstract:

PROBLEM TO BE SOLVED: To modify the quality of low-quality coffee beans such as of lobster variety to higher-quality ones such as of arabica variety, and to further modify such higher-quality coffee beans to further higher-quality ones by diminishing offensive acidity inherent in the coffee beans of arabica variety.

SOLUTION: This method for modifying coffee beans comprises the following steps: coffee raw beans are soaked in and fully impregnated with a sucrose solution; the raw beans thus impregnated are steamed with saturated steam at 130-160°C for 5-30 min in a boiler; the raw beans thus steamed are subjected to vacuum cool drying for 5-15 min and then roasted to obtain the objective high-quality coffee beans of excellent flavor.

Another version of this method comprises the following steps: raw beans are roasted, then steamed with saturated steam and then subjected to vacuum cool drying under the same conditions as described above to obtain the objective high-quality coffee beans of excellent flavor. The above method is also applicable to coffee beans of arabica variety, thereby



diminishing offensive acidity inherent in such coffee beans and improving them to higher-quality ones.

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